Geometry – Volume Worksheet
Volumes of Prisms, Cylinders, Pyramids, Cones, & Spheres

Find the volume of each prism. Show work!

1. 5 in.  8 in.  2 in.

2. 18 cm  6 cm

Find the volume of each cylinder in terms of $\pi$. Show work!

3. 8 in.  6 in.

4. 4 cm  10 cm

Find the volume of each square pyramid. Show work!

5. 9 in.  10 in.

6. 12 m  10 m
Find the volume of each cone in terms of $\pi$. Show work!

7. 

8. 

Find the volume of each sphere in terms of $\pi$.

9. 

10. 

12. 

Find the radius of each sphere having the given surface area or volume.

13. $SA = 900\pi \text{ m}^2$

14. $V = 288\pi \text{ in}^3$